NOTES TO USERS

This map is for use in administering the National Flood Insurance Program It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repostory should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations To obtain more detailed information in seess where Base Flood Exvarions (FFE) another floodways have been determed, uses are exchanged to onsult of FFE) and the floodways have been detailed by the first product of the flood insurance Study (FS) report that accompanies tables contained within the Flood insurance Study (FS) report that accompanies have flood to exercise that BFEs shown on the FRM present ourside you have been supported to the flood of the floodways of the floodways of the floodways of the floodways of floodw

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stif water Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Still water Elevations tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Fbod Insurance Study report for information on flood control structures for this

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 10N. The horizontal datum was NAD 33, GRS00 speptor Differences in datum spheroic projection or UTM zone series in datum projection or UTM zone series in datum spheroic projection or UTM zone series in data the production of FIRMs for adjacent principles may result in slight positional differences in map feature across principles of the projection of the projectio

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground un 1996. These thood elevations must be compared to structure and ground elevations referenced to the same vertical abstum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1989, visit the National Geodetic Survey website at http://www.mos.noaa.gov or contact the National Geodetic Survey at the following addition.

NGS Information Services NOAA, NNGS12 National Geodetic Survey SSMC-3, #9202

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at http://www.ngs.mea.gov/.

Base map information shown on this FIRM was provided in digital format by the USDA National Agriculture imagery Program (NAIP). This information was photogrammetrically compiled at a scale of 124,000 from aerial photography dated 2005.

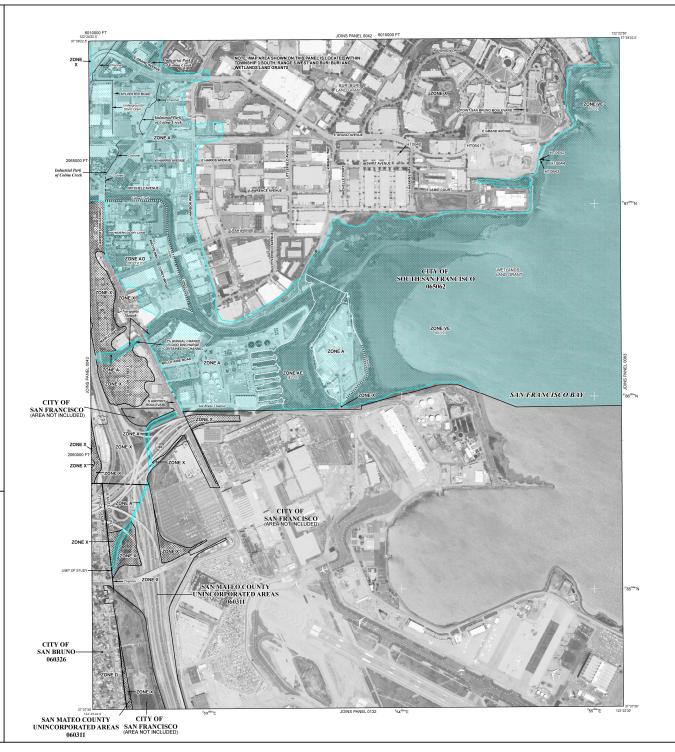
This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FRM for this jurisdiction. The doodplans and floodways that were transferred from the previous FRM may have been adjusted to confirm to these new dream channel configurations. As a result, the Flood Prefires and Postings Data tables in the Flood insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is down on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or deannexations may have occurred after this map was published, map users should contact appropriate community officials to apply current overcetal publications.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map penels; community map repository addresses; and a Listing of Communities table confarining National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is clusted.

For information on available products associated with this FIRM visit the Map Service Center (MSC) website at http://minclems.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have questions about this map, how to order products or the Natonal Flood Insurance Program in general, please call the FEMA Map Information exchange (FMIX) at 1-877-FEMA-MAP (1-877-336-2827) or visit the FEMA website at http://www.fema.gov/business/rifip.



LEGEND

SPECIAL FLOOD HAZARD AREAS (SPHAS) SUBJECT TO INUNCATION BY THE 1% ANNUAL CHANCE FLOOD.

The 1% and the second of the second of the food that has a 1% chance of bard quadred or exceeded in any given year. The food has has a 1% chance of bards quadred or exceeded in any given year. The food Flood Flood Hazard Avea is the sea subject to fooding by the 1% seminal chance food. He food food from the second of the second of the 1% chance food. We the food Services in the substructurates welven for the 1% seminal chance food. We then the second of the 1% seminal chance food. We then the second of the 1% seminal chance food. We then the seminal chance food the 1% of the 1% seminal chance food. We then the seminal chance food the 1% of the 1% seminal chance food. We then the seminal chance food the 1% of the 1% seminal chance food. We then the 1% of the

we we water-surse always of of the 1% annual chance food.

No Base Rood Elevations determined.

Blood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

sales determined.

Secoul Food Ishared Area formerly profescient from the 15 servand chancer food by a flood control system that was subsequently observed from the 15 servand chancer food by a flood control system that was subsequently observed from the control system is being restored to provide protection from the 11% annual chance or present flood, greated from 15% annual chance from 5% annual chancer food by a Federal flood protection system under construction; no Baise Food Elevations determined.

Coastal flood zone with velocity hazard (wave action); no Base Flood Elevar dataseminant

Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas

e normally located within or adjacent to Spe 1% annual chance floodplain boundary 0.2% annual chance floodplain boundary Floodway boundary Zone D Boundary CBRS and OPA Boundary

CBIS and GPA Boundary
Boundary dividing Special Flood Hazard Areas of different
Base Flood Elevations, flood depths or flood velocities.
Base Flood Elevation fine and value; elevation in feet*
Base Flood Elevation waite where uniform within zone;
elevation in feet*
American Vertical Datum of 1988

(EL 987)

(23) - - - - (23)

Culvert, Flume, Peristock or Aqueduct Road or Railroad Bridge Footbridge

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere 97" 07' 30", 32" 22' 30"

Datum or 1983 (NAIO 83), Western Hemiophere 1000-meter Universal Transverse Mercator grid values, Zone 10 5000-foot grid ticks: California State Plane coordinate system, Zone II (FIPSZONE 0402), Lambert Conformal Conic Projection 476⁰⁰⁺F 600000 FT

DXS510 × Bench mark (see explanation in Notes to Users section of this FIRM panel)

MAP REPOSITORIES Refer to Map Repositories list on Map Index.

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP PANEL OCTOBER 16, 2012

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620

MAP SCALE 1" = 500" 500

PANEL 0044E **FIRM** FLOOD INSURANCE RATE MAP

SAN MATEO COUNTY. CALIFORNIA AND INCORPORATED AREAS

PANEL 44 OF 510

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

NPARIONPALIFICIO

SAN BRUND, CITY OF 060326 0044 E BOUTH BAN FRANCISCO, CITY OF 065062 0044 E BAN MATEO COUNTY 060311 0044 E

MAP NUMBER 06081C0044E

> EFFECTIVE DATE OCTOBER 16, 2012

Federal Emergency Management Agency